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(g) the sequence encoding ORF-5 comprising the following amino acids:

His-Leu-Ser-Gly-Thr-Ile-Cys-Gly-Ala-Leu-Cys-Leu-Phe-Ser-Tyr-His-
Arg-Leu-Arg-Asp-Leu-Leu-Leu-Ile-Val-Thr-Arg-Ile-Val-Glu-Leu-Leu-
Gly-Arg-Arg-Gly-Trp-Glu-Ala-Leu-Lys-Tyr-Trp-Trp-Asn-Leu-Leu-Gln-
Tyr-Trp-Ser-Gln-Glu-Leu-Lys-Asn-Ser-Ala-Val-Ser-Leu-Leu-Asn-Ala-
Thr-Ala-Ile-Ala-Val-Ala-Glu-Gly-Thr-Asp-Arg-Val-Ile-Glu-Val-Val-
Gln-Gly-Ala-Cys-Arg-Ala-Ile-Arg-His-Ile-Pro-Arg-Arg-Ile-Arg-Gln-
Gly-Leu-Glu-Arg-Ile-Leu-Leu-Ochre-Asp.--

REMARKS

Formal examination of this application is respectfully requested.

The specification has been amended to correct minor grammatical errors and to more clearly and particularly point out applicants' invention. Additionally, claims 1-10 have been cancelled and claims 11 and 12 have been added to the application. Claim 11 is directed to nucleotide sequences of HIV-1, and claim 12 is directed to the corresponding amino acid sequences of HIV-1. Support for these claims can be found in the specification at, for example, page 3, line 35 through page 4, line 3; page 7, lines 18-26; page 12, line 29 through page 13, line 18; and page 15, lines 18-21. The following table

gives the subsection of claim 11, the HIV-1 nucleotides recited, and exemplary support in the specification.

<u>Claim Subsection</u>	<u>HIV-1 Nucleotides</u>	<u>Support in Specification</u>
11(a) ORF-Q	4478-5086	Page 12, line 35.
11(b) ORF-R	8249-8896	Page 12, line 36.
11(c) ORF-1	5029-5316	Page 13, line 1.
11(d) ORF-2	5273-5515	Page 13, line 2.
11(e) ORF-3	5383-5616	Page 13, line 3.
11(f) ORF-4	5519-5773	Page 13, line 4.
11(g) ORF-5	7966-8279	Page 13, line 5.

Claim 12 recites the amino acids encoded by the corresponding nucleotides of claim 11. As the foregoing amendments do not introduce new matter, it is respectfully requested that they be entered by the Examiner.

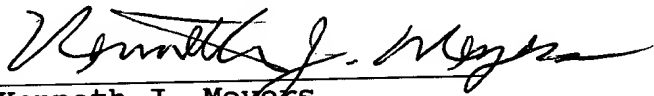
Applicants respectfully request formal examination of this application and allowance of the pending claims at the Examiner's convenience.

The Commissioner is hereby authorized to charge any fees associated with this communication to our Deposit Account No. 06-0916. If a fee is required for an Extension of Time under 37 C.F.R. §1.136 not accounted for above, such extension is requested and should also be charged to our Deposit Account.

Respectfully submitted,

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By:


Kenneth J. Meyers
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